

FIG. 2A

## **DOWN-CONVERTER 10**

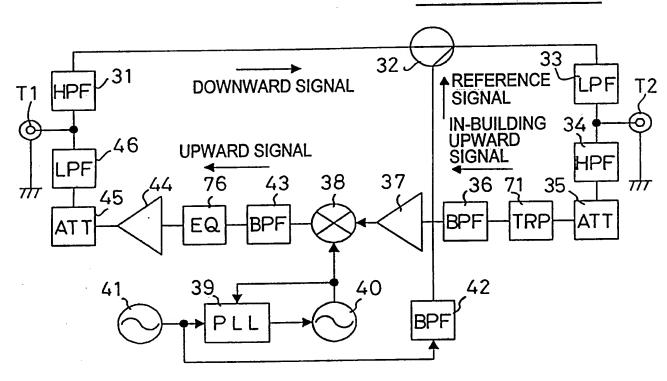


FIG. 2B

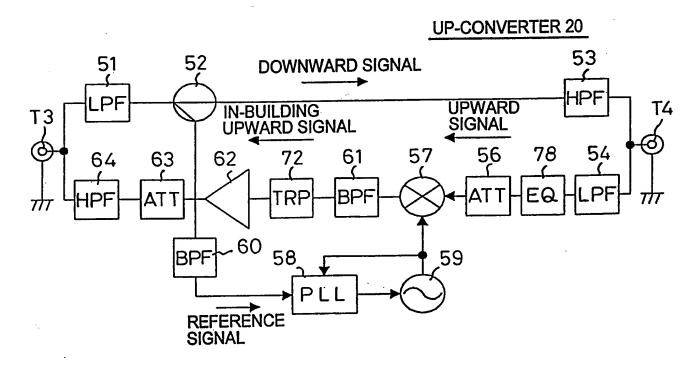
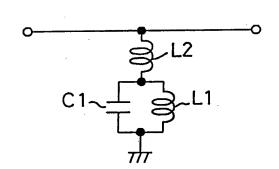
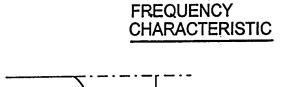


FIG. 3A

FIG. 3B

TRAP CIRCUIT





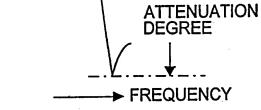
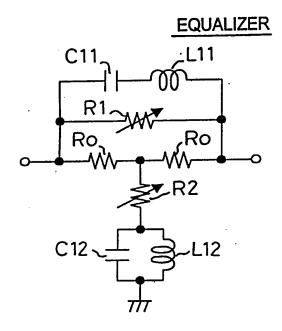


FIG. 4A

FIG. 4B



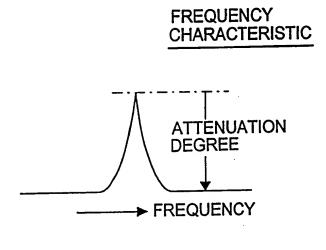


FIG. 5

## TRANSMISSION CHARACTERISTIC OF IN-BUILDING UPWARD SIGNAL

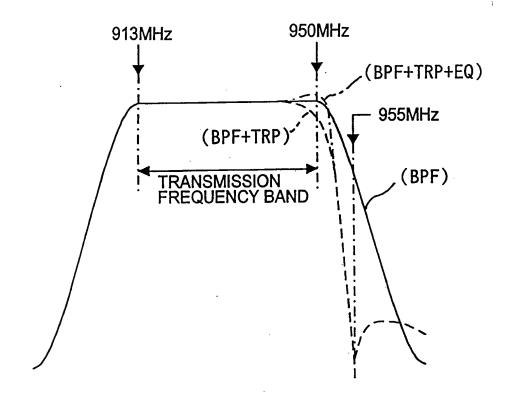


FIG. 6

## **BI-DIRECTIONAL AMPLIFIER 12**

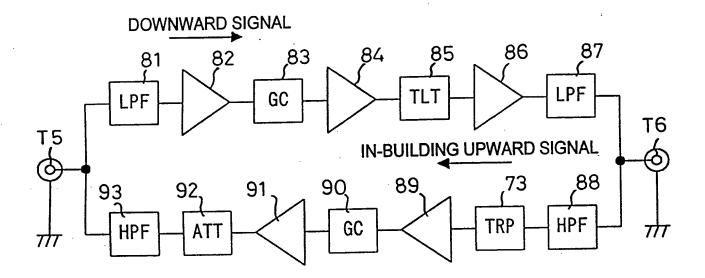
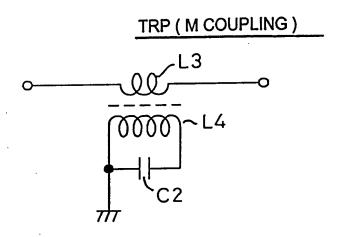


FIG. 7



TRP ( C COUPLING )

FIG. 8B

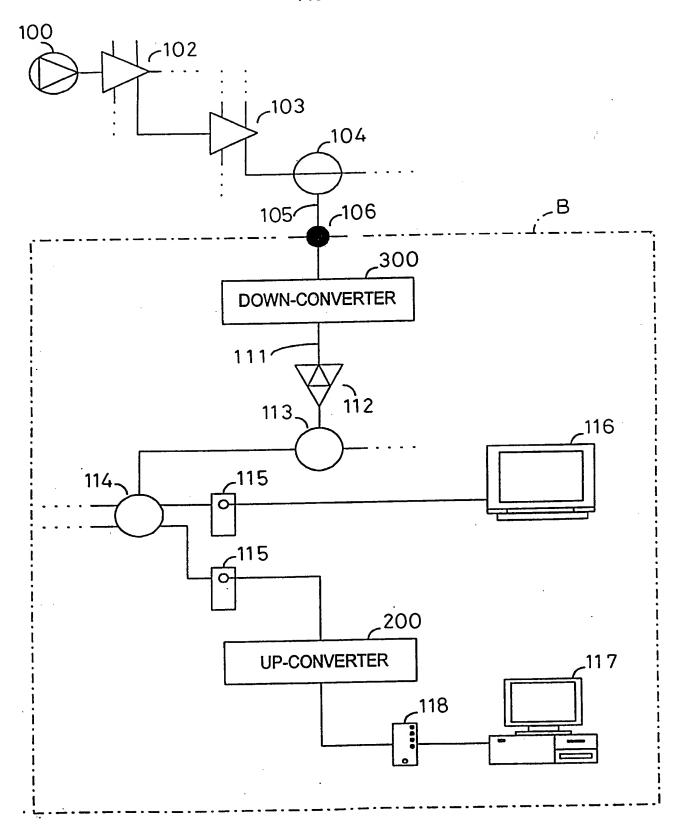
FREQUENCY CHARACTERISTIC

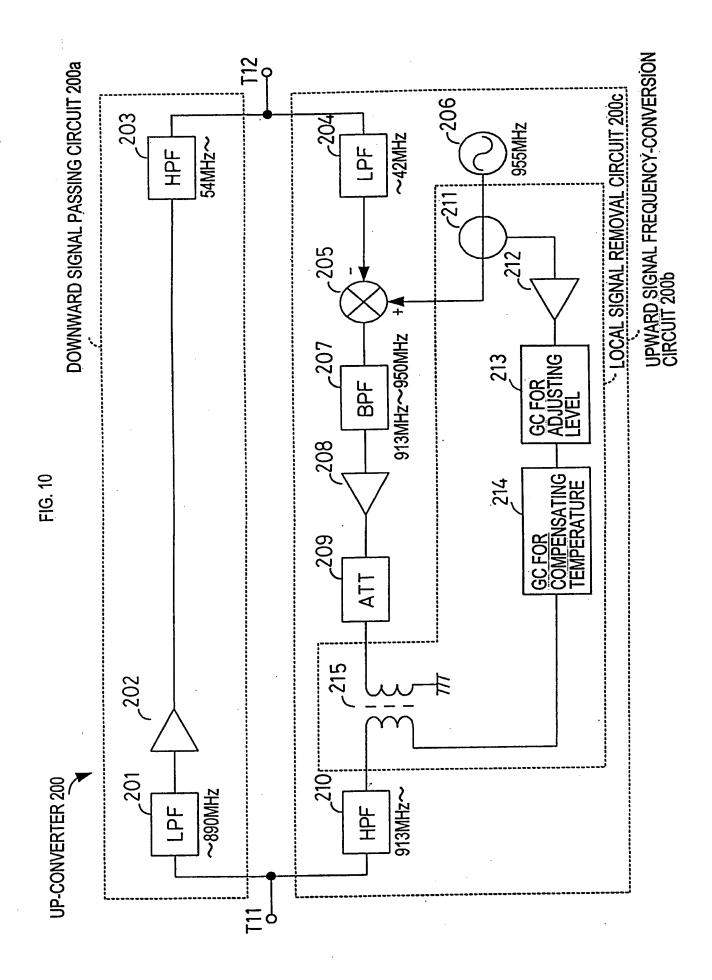
ATTENUATION DEGREE

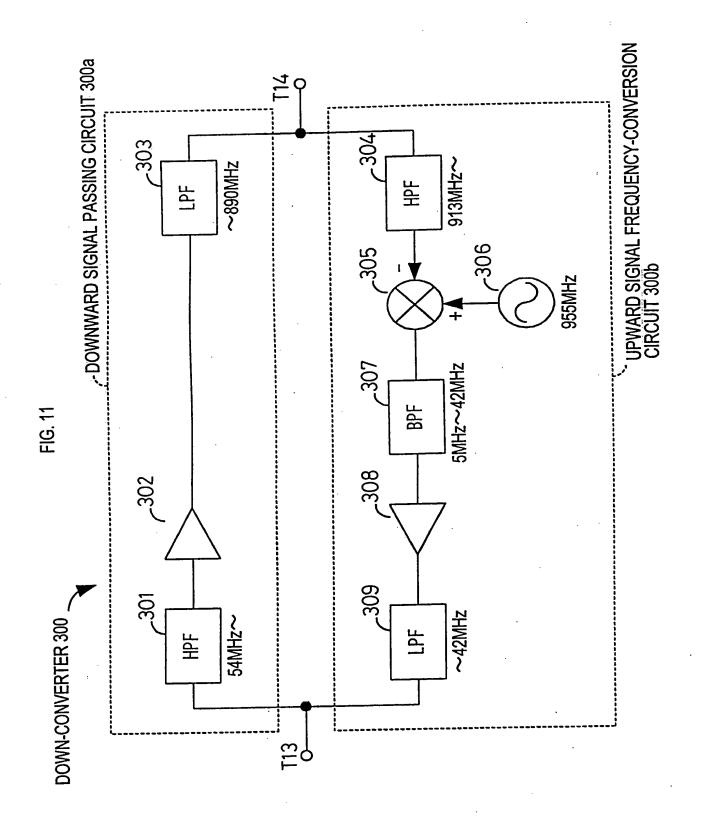
C1 L1

▶ FREQUENCY

FIG. 9







**FIG. 12A** 

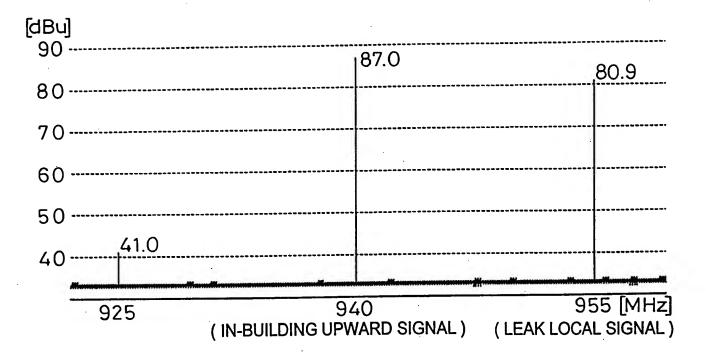


FIG. 12B

